

# SCIENCE

## SCI 103

This course is for students who enjoy applying practical scientific knowledge in the real world.

It offers a range of topics including Weather, Earth and Space, Agriculture, Horticulture, Plant propagation and management. Each standard is worth 4 credits except US 19139 which is worth 1 credit.

### All assessment is internal

Domain	Title	AS Code and Number	Content
Agriculture/Horticulture	Undertake general garden maintenance	Agriculture US23780	Maintain garden and lawns and identify and care for hort hand tools.
Agriculture/Horticulture	Gather and record information from a rain gauge, thermometer, and barometer; or weather station	Agriculture US19139	Gather and record data for either of a rain gauge, thermometer (max/min) and barometer OR weather station
Agriculture/Horticulture	Demonstrate practical skills used in agricultural or horticultural production	Agriculture & Horticulture 1.2 AS90157	Pruning, equipment maintenance, electric fences, compost, fertilisers, potting mix
Agriculture/Horticulture	Demonstrate Basic Plant Propagation Techniques	Agriculture & Horticulture 1.9 AS90923	Cuttings, greenhouse controls, grafting, seed, soil types and other media
Agriculture/Horticulture	Preparation, milking; herd management; and clean up.	Agriculture & Horticulture US 18194	Milking and Herd Management
Planet Earth and Beyond	Demonstrate understanding of the effect on planet Earth of astronomical cycles.	Science 1.15 AS90954	Tides, Phases of the Moon, Weather Changes

**Suggested further study:**

**SCI 202**

**Careers:**

**Farming, Horticulture, Parks and Recreation, Land, Plant and Animal management service industries**

**Contact persons:**

**Mr Reddington or Mr S McMillan**